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DOCKET NO.: 3811-010-27

ASSISTANT COMMISSIONER FOR PATENTS

PO BOX 1450

ALEXANDRIA, VA 22313-1450

Re: Serial No.: 10/824,600  
Applicant(s): Anbo WANG, et al.  
Filing Date: April 15, 2004  
For: Q-POINT STABILIZATION FOR LINEAR INTERFEROMETRIC  
SENSORS USING TUNABLE DIFFRACTION GRATING  
Group Art Unit: 2877  
Examiner:

SIR:

Attached hereto for filing are the following papers:

Information Disclosure Statement  
List of Related Cases  
Form PTO-1449  
Cited Documents (18)

Our check in the amount of \$0.00 is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary extension of time to make the filing of the attached documents timely, please charge or credit the difference to Deposit Account No. 50-1442. Further, if these papers are not considered timely filed, then a request is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

DLA PIPER RUDNICK GRAY CARY US LLP

James M. Heintz  
Registration No.: 41,828

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION: Anbo WANG, et al.

GROUP ART UNIT: 2877

SERIAL NUMBER: 10/824,600

EXAMINER:

FILED: April 15, 2004

FOR: Q-POINT STABILIZATION FOR LINEAR INTERFEROMETRIC SENSORS USING TUNABLE DIFFRACTION GRATING

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97

Assistant Commissioner for Patents  
PO BOX 1450  
ALEXANDRIA, VA 22313-1450

Sir:

Applicant(s) wish(es) to disclose the following information.

REFERENCES

- Applicant(s) wish(es) to make of record the documents listed on the attached Form PTO-1449. Copies of the listed documents are attached, where required, as are either statements of relevancy or any readily available full or partial English translations of any non-English-language documents.

RELATED CASES

- Attached is a list of Applicant's(s') pending applications and issued patents which may be related to the present application. Copies of the documents, where required, are attached along with Form PTO-1449.

CERTIFICATION

The undersigned certifies that

- ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign or international patent office in a counterpart foreign or international application for the first time (to the knowledge of the undersigned, having made reasonable inquiry) not more than three months prior to the filing of this statement.
- ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign or international patent office in a counterpart foreign or international application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement.

BASIS FOR CONSIDERATION

This Information Disclosure Statement is filed:

- ☐ without fee and within three months of the filing date of the application.
- ☐ without fee and within three months of the date of entry of the U.S. national stage.
- without fee and before the mailing date of a first Office Action on the merits (to the knowledge of the undersigned).
- ☐ without fee and with the appropriate certification above.
- ☐ without fee and with a new CPA application.
- ☐ without fee and with a Request for Continued Examination.
- ☐ with fee and before the mailing date of any Final Office Action, Notice of Allowance or an action that otherwise closes prosecution (to the knowledge of the undersigned).
- ☐ with fee, appropriate certification above, and before payment of the Issue Fee.

DEPOSIT ACCOUNT

- Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 50-1442.

Respectfully submitted,

DLA PIPER RUDNICK GRAY CARY US LLP

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DOCKET NO.: 3811-010-27



#### LIST OF RELATED CASES

Docket Number	Serial or Patent Number	Filing or Issue Date	Status or Patentee
3811-009-27	10/670,457	September 26, 2003	Pending
*3811-010-27	10/824,600	April 15, 2004	Pending

The cases listed on this Notice of Related Cases include cases which may contain information that is material to patentability. The listing of a case on this Notice should not be taken as an indication or admission that any information contained therein is material. Prior art for each case listed on this Notice may have been cited. **The files corresponding to the listed cases, which are available to the Examiner, may not have not been examined to ascertain the materiality of any prior art therein.** Accordingly, the Examiner is requested to review the file for each case listed on this Notice in order to assess the materiality of such prior art.

\*Present application; listed for information.

Form PTO 1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	DOCKET NO.	SERIAL NO.
		3811-010-27	10/824,600
		APPLICANT	
		Anbo WANG, et al.	
LIST OF REFERENCES CITED BY APPLICANT (Use Several Sheets if Necessary)		FILING DATE	GROUP ART UNIT
		April 15, 2004	2877
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AA	Yoshino, et al., "Fiber-Optic Fabry-Perot Interferometer and Its Sensor Applications", IEEE Transactions on Microwave Theory and Techniques, Vol. MTT-30, No. 10, pp. 1612-1621, 1982.	
	AB	Schmidt, et al., "Fiber-optic extrinsic Fabry-Perot Interferometer sensors with three-wavelength digital phase demodulation", Optics Letters, Vol. 24, No. 9, pp. 599-601, 1999.	
	AC	Wang, et al., "Self-Calibrated Interferometric-Intensity-Based Optical Fiber Sensors", Journal of Lightwave Technology, Vol. 19, No. 10, pp. 1495-1501, 2001.	
	AD	Wolthuis, et al., "Development of Medical Pressure and Temperature Sensors Employing Optical Spectrum Modulation", IEEE Transactions on Biomedical Engineering, Vol. 38, No. 10, pp. 974-981, 1991.	
	AE	Qi, et al., "Novel data processing techniques for dispersive white light interferometer", Optical Engineering, Vol. 42, No. 11, pp. 3165-3171, 2003.	
	AF	Fürstenau, et al., "Extrinsic Fabry-Perot interferometer vibration and acoustic sensor systems for airport ground traffic monitoring", IEE Proc.-Optoelectron., Vol. 144, No. 3, pp. 134-144, 1997.	
	AG	Lee, et al., "Fiber-Optic Fabry-Perot Temperature Sensor Using a Low-Coherence Light Source", Journal of Lightwave Technology, Vol. 9, No. 1, pp. 129-134, 1991.	
	AH	Murphy, et al., "Quadrature phase-shifted, extrinsic Fabry-Perot optical fiber sensors", Optics Letters, Vol. 16, No. 4, pp. 273-275, 1991.	
	AI	Alcoz, et al., "Embedded Fiber-Optic Fabry-Perot Ultrasound Sensor", IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, Vol. 37, No. 4, pp. 302-306, 1990.	
	AJ	Yu, et al., "Fiber Fabry-Perot sensors for detection of partial discharges in power transformers", Applied Optics, Vol. 42, No. 16, pp. 3241-3250, 2003.	
	AK	Belleville, et al., "White-light interferometric multimode fiber-optic strain sensor", Optics Letters, Vol. 18, No. 1, pp. 78-80, 1993.	
	AL	Dorigi, et al., "Stabilization of an Embedded Fiber Optic Fabry-Perot Sensor for Ultrasound Detection", IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, Vol. 42, No. 5, pp. 820-824, 1995.	
	AM	Gerges, et al., "Fiber-Optic Interferometric Sensor Utilising Low Coherence Length Source: Resolution Enhancement", Electronics Letters, Vol. 24, No. 8, pp. 472-474, 1988.	
	AN	Kim, et al., "Micromachined Fabry-Perot Cavity Pressure Transducer", IEEE Photonics Technology Letters, Vol. 7, No. 12, pp. 1471-1473, 1995.	
	AO	Murphy, et al., "Detection of acoustic emission location using optical fiber sensors", SPIE, Vol. 2191, pp. 282-290, 1994.	
EXAMINER		DATE CONSIDERED	
*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.			

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		DOCKET NO. 3188-010-27	SERIAL NO. 10/824,600
LIST OF REFERENCES CITED BY APPLICANT (Use Several Sheets if Necessary)		APPLICANT Anbo WANG, et al.			
		FILING DATE April 15, 2004			GROUP ART UNIT 2877
		OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AP	Pulliam, et al., "Micromachined, SiC fiber optic pressure sensors for high-temperature aerospace applications", Proceedings of SPIE, Vol. 4202, pp. 21-30, 2000.			
	AQ	Egorov, et al., "Advanced Signal Processing Method for Interferometric Fiber-Optic Sensors with Straightforward Spectral Detection", SPIE, Vol. 3201, pp. 44-48, 2005.			
	AR				
	AS				
EXAMINER					DATE CONSIDERED
*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.					